

Listing of All Claims Including Current Amendments

1. (currently amended) A carrier composition for transdermal delivery of a macromolecule, comprising a polyenylphosphatidylcholine-enriched phosphatidylcholine component entrapping said macromolecule for transdermal delivery to dermal vasculature, wherein said phosphatidylcholine component stabilizes said macromolecule at room temperature and wherein said polyenylphosphatidylcholine-enriched phosphatidylcholine component further comprises a polyglycol having molecular weight of 200 and a polyglycol having molecular weight of 400.
2. (canceled)
3. (canceled)
4. (canceled)
5. (currently amended) The composition of claim ~~[[2]]~~ 1, wherein said polyenylphosphatidylcholine-enriched phosphatidylcholine component comprises 45% w/w polyenylphosphatidylcholine-enriched phosphatidylcholine, 50% w/w polyglycol having molecular weight of 200, and 5% w/w having molecular weight of 400.
6. (currently amended) The composition of claim ~~[[2]]~~ 1, further comprising a surfactant, a lubricant, and methyl paraben.
7. (currently amended) The composition of claim 6, comprising 97.25% w/w polyenylphosphatidylcholine-enriched phosphatidylcholine component, 1.00% w/w surfactant, 1.00% w/w lubricant, and 0.75% w/w methyl paraben.

8. (previously presented) The composition of claim 6, further comprising water.
9. (previously presented) The composition of claim 8, comprising 53.25% w/w polyenylphosphatidylcholine-enriched phosphatidylcholine component, 1.00% w/w surfactant, 1.00% w/w lubricant, 0.75% w/w methyl paraben and 44% w/w water.
10. (original) The composition of claim 6, wherein said surfactant is a siloxylated polyether.
11. (original) The composition of claim 10, wherein said siloxylated polyether is dimethyl, methyl(propylpolyethylene oxide propylene oxide, acetate) siloxane.
12. (original) The composition of claim 6, wherein said lubricant is silicone fluid.
13. (original) The composition of claim 12, wherein said silicone fluid contains low viscosity polydimethylsiloxane polymers.
14. (original) The composition of claim 1, wherein said macromolecule is selected from the group consisting of oxytocin, vasopressin, insulin, somatotropin, calcitonin, chorionic gonadotropin, menotropins, follitropins, somatostatins, progestins, peptides, polymers, and combinations of any of these.
15. (currently amended) A stable topical insulin composition, comprising:
carrier having a polyenylphosphatidylcholine-enriched phosphatidylcholine component, said polyenylphosphatidylcholine-enriched phosphatidylcholine component including a polyglycol having molecular weight of 200 and a polyglycol having molecular weight of 400, and
insulin entrapped within said carrier for transdermal delivery of the insulin to dermal vasculature.

16. (canceled)

17. (canceled)

18. (currently amended) The composition of claim ~~[[17]]~~ 15, wherein said phosphatidylcholine component comprises 45% w/w polyenylphosphatidylcholine-enriched polyenylphosphatidylcholine, 50% w/w polyglycol having molecular weight of 200, and 5% w/w polyglycol having molecular weight of 400.

19. (original) The composition of claim 15, wherein said carrier comprises a surfactant, a lubricant, and methyl paraben.

20. (currently amended) The composition of claim 19, wherein said carrier comprises 97.25% w/w polyenylphosphatidylcholine-enriched phosphatidylcholine component, 1.00% w/w surfactant, 1.00% w/w lubricant, and 0.75% w/w methyl paraben.

21. (original) The composition of claim 15, wherein said carrier further comprises water.

22. (currently amended) The composition of claim 16, wherein said carrier comprises 53.25% w/w polyenylphosphatidylcholine-enriched phosphatidylcholine component, 1.00% w/w surfactant, 1.00% w/w lubricant, 0.75% w/w methyl paraben and 44% w/w water.

23. (original) The composition of claim 19, wherein said surfactant is a siloxylated polyether.

24. (original) The composition of claim 23, wherein said siloxylated polyether is dimethyl, methyl(propylpolyethylene oxide propylene oxide, acetate) siloxane.
25. (original) The composition of claim 23, wherein said lubricant is silicone fluid.
26. (original) The composition of claim 25, wherein said silicone fluid contains low viscosity polydimethylsiloxane polymers.
27. (canceled)
28. (canceled)
29. (canceled)
30. (canceled)
31. (canceled)
32. (canceled)
33. (canceled)
34. (canceled)
35. (canceled)
36. (canceled)

37. (canceled)

38. (canceled)

39. (canceled)

40. (canceled)